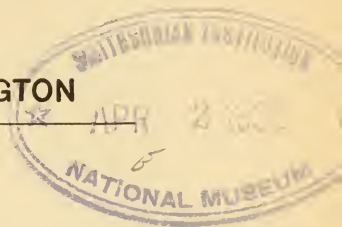


PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON



A NEW BURROWING SPIDER OF THE GENUS *LYCOSA*
FROM THE UINTAH MOUNTAINS, UTAH.

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While recently on a short collecting trip to the high Uintah Mountains, in the company of Don M. Rees and Mr. and Mrs. Stephen D. Durrant of the department of Zoology of the University of Utah, burrows of a *Lycosa* were noticed. The opening of these burrows was surrounded by a low turret of straws similar to those made by several related species. Excavation discovered an adult female in one of the burrows. The specimen proves to represent a new species seemingly conspicuously different from previously known forms.

Lycosa uinticolens Chamberlin, new species.

Similar to *Lycosa fatifera* Hentz and *L. gosoga* Chamberlin in having the entire ventral surface of the body light colored and quite without dark markings and in having only the last three joints of the first two pairs of legs black, this color embracing the dorsal as well as the ventral surface. Both carapace and dorsal surface of the abdomen decidedly darker than the ventral surface due to a dense coat of black hairs with gray hairs intermixed; carapace also with some appressed brown hairs about the eyes and back along the middle region of the pars cephalica and with some on middle line of anterior part of pars thoracica; clypeal region also with brown hairs. Chelicerae with anterior face covered with appressed brown hairs, its longer setae black. Legs light brown excepting for the black distal segments of the first two pairs. Distal fringes of labium and endites black.

Anterior row of eyes very slightly procurved, equal in length to the second; eyes equidistant, with the medians obviously larger than the laterals. Quadrangle of posterior eyes wider behind than in front (29 : 21), and wider behind than long (29 : 24). Lower margin of furrow of chelicerae with three teeth, all of which are stout.

The epigynum is of the same general type as in *L. gosoga*; the septal piece strongly bowed ventrad over about the posterior two-thirds of length, the anterior portion strongly narrowed; cross-piece short and nearly straight, not strongly bulging caudad at middle. (See Figure 1.)

Length of holotype, a female, 16 mm. Length of cephalothorax, 10 mm.; width, 6.4 mm. Length of tibia + patella IV, 8 mm.; of tibia + patella I, 7.8 mm.

Locality.—Utah: Uintah Mts., on border of gorge of the Green River, near Green Lake. Estimated elevation, 8,000 ft. 30 July, 1935. Type in author's collection.

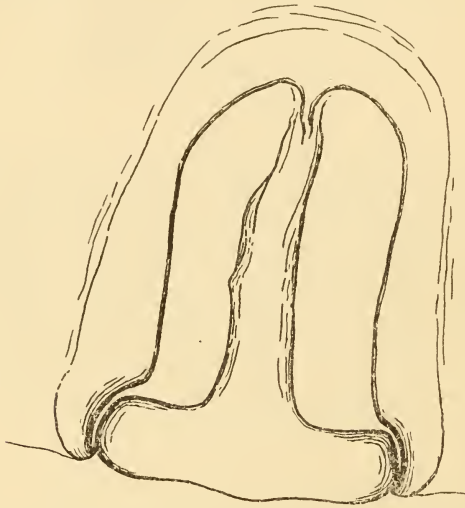


FIG. 1.—*Lycosa uinticolens* Chamberlin, new species. Epigynum.